

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2648411
<b>Application Number:</b>	10811982
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	3132
<b>Title of Invention:</b>	Rate and quality controller for H.264/AVC video coder and scene analyzer therefor
<b>First Named Inventor/Applicant Name:</b>	Atul Puri
<b>Customer Number:</b>	23838
<b>Filer:</b>	Wesley W. Jones/jin li
<b>Filer Authorized By:</b>	Wesley W. Jones
<b>Attorney Docket Number:</b>	13316-3277
<b>Receipt Date:</b>	28-DEC-2007
<b>Filing Date:</b>	30-MAR-2004
<b>Time Stamp:</b>	16:22:18
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part/.zip	Pages (if appl.)
1	Information Disclosure Statement Letter	3277Ref.pdf	104591 a4d70ca8a6d20883bed19a7e03de5db efb3cb7e1	no	2

### Warnings:

Information:
--------------

2	NPL Documents	34Low-delay-rate.pdf	3437678 2e1f948bd34cd82ca2d2be1cf0f227fe787 1b7b7b6	no	13
<b>Warnings:</b>					
<b>Information:</b>					
3	Information Disclosure Statement Letter	3277Statement.pdf	75138 ab866456916159bbec325d56bd9add 99eebec1	no	3
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	35Optimum-bit-allocation.pdf	2601578 d4829482b7346cc700c93c2..514495 1d550c6	no	10
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	36A-unified-rate-distortion.pdf	4242047 4e4a8bc203a683574963d952ec28ee3 3a12edc	no	16
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	78Joint-encoder-and.pdf	3456721 71447369912b68d10c2110f10e93830b 79ea51fc	no	14
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	81Rate-control-of.pdf	2385854 1315d7916301b5613b0c65bd14eb4 9250c9b	no	10
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	82Encoding-stored-video.pdf	3104013 2aab13ca45d9fb9a534a7a02a80cb8 81a86a9a	no	12
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	83A-frame-layer.pdf	1424317 43461402723c369a16a29d9035auch1 ab9a25b2a	no	6
<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	84Rate-control-for-VBR.pdf	3991576 0ee4105ecf357a16e7899barab63c89 906eb3b6	no	15
<b>Warnings:</b>					
<b>Information:</b>					

11	NPL Documents	85A-rate-control-for.pdf	3774387 9d18356aa8c40b9974d577d52ab0c52269 93e1e6dd	no	13
<b>Warnings:</b>					
<b>Information:</b>					
12	NPL Documents	86Encoding-stored-video.pdf	4180225 8a70e4d06eb83305a8113a476addfe 59c320ef	no	12
<b>Warnings:</b>					
<b>Information:</b>					
13	NPL Documents	87Joint-rate-control.pdf	1320620 961cb36bb015a0304d10f619a0bb48 69e27548	no	6
<b>Warnings:</b>					
<b>Information:</b>					
14	NPL Documents	88Rate-control-in.pdf	4071718 8bebe2d9aa4159f4ca1ed581157d4376a 53e929fa	no	15
<b>Warnings:</b>					
<b>Information:</b>					
15	NPL Documents	89Rate-control-for-an-embedded.pdf	1981614 788734c2ab335ab83154b5674d7019f1 54e4270f	no	8
<b>Warnings:</b>					
<b>Information:</b>					
16	NPL Documents	90An-active-scene.pdf	2543359 2e1a087fd920f710e7910841a2e6ce13e0 1bb0ad	no	13
<b>Warnings:</b>					
<b>Information:</b>					
17	NPL Documents	91MPEG-4-one-pass.pdf	1516989 7d460b050b1bdcafb887410444765450 65b93d5ci	no	6
<b>Warnings:</b>					
<b>Information:</b>					
18	NPL Documents	92MPEG-4-rate.pdf	4139756 11c5d511e8389399bf728a1b26413fa37 4ca0982	no	15
<b>Warnings:</b>					
<b>Information:</b>					
19	NPL Documents	93Rate-controland.pdf	4902662 60b5da6189664ff708ub6041804052d 211e9671	no	17
<b>Warnings:</b>					
<b>Information:</b>					

20	NPL Documents	94Scalable-rate-control.pdf	4100217 10d3fb63c25794f470b255e37420a71 279ee375	no	18
----	---------------	-----------------------------	--	----	----

**Warnings:**

**Information:**

21	NPL Documents	95A-study-of.pdf	1836863 856ea4365e8b07620d73342989b300ce 56e9794e	no	8
----	---------------	------------------	---	----	---

**Warnings:**

**Information:**

22	NPL Documents	96Bit-allocation-for.pdf	4097869 75c93ddff1dai657615cf950846546277 7762803c	no	16
----	---------------	--------------------------	--	----	----

**Warnings:**

**Information:**

Total Files Size (in bytes):	63289792
------------------------------	----------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.